

Michigan Office of the Great Lakes

*Coastal Zone Management
Program*

*FY 2016 Request for Proposals Webinar
October 21, 2014*



Department of
Environmental Quality
PURE MICHIGAN



Housekeeping

- All lines will be muted
- Questions can be sent to us via the question/chat box
- We will record webinar and post online



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Webinar Overview

- Coastal Zone Management Program Overview
- Funding Considerations
- Eligibility Criteria
- Ineligible Uses for Grant Funds
- Deadline and Submittal
- Program Focus Areas and Project Preferences
- Application - Supporting Information
 - All Projects
 - Additional Information Required for Construction projects
- Selection Process

Coastal Zone Management Program Overview

To promote wise management of the cultural and natural resources within our coastal boundary by fostering environmental stewardship, furthering research to support science-based policies and regulations and providing excellent customer service.



Funding Considerations

- Extent to which the project furthers CZM Program objectives
- Overall quality and clarity
- Organizational capability
- Project readiness and feasibility for completion within specified grant period
- Past grant management performance
- Cost-effectiveness

Funding Considerations, cont.

- Degree of public benefit to be derived from the project
- Measurability of project results
- Level of local support
- Leveraging private and other public resources
- The necessity of CZM Program funding for the project.

Eligibility Criteria

Who is Eligible?

- Coastal units of government including cities, counties, villages and townships
- Regional planning agencies and conservation districts
- State agencies
- Universities and school districts
- Tribal governments
- Non-profit organizations

Note: Nonprofit organizations proposing a construction project must apply through an eligible public entity who owns the land to ensure public ownership.

Eligibility Criteria

Grant Amounts

- Proposals no less than \$10,000 and no greater than \$100,000

Match Requirement

- A one-to-one non-federal match is required for all projects

Project Award Period

- Start date is October 1, 2015 and an end date of December 31, 2016

Project Location

- Construction projects must be entirely within Michigan's coastal boundary. Boundary maps are available at: www.michigan.gov/coastalmanagement

Ineligible Uses for Grant Funds

- Restroom facilities
- General recreational and athletic facilities
- Install or repair/maintain hard shoreline armoring
- Dredging
- Roadway design and/or construction
- Sewer line construction and/or drain improvement



Ineligible Uses for Grant Funds, cont.

- Recreation plans
- Dam improvements
- State and federal permit application fees
- Projects required to fulfill a state or federal permit condition or other regulatory action.
- Development of site plans, designs, or construction drawings for a project location not under ownership of the applicant.

Deadline and Submittal



- One hard copy and one electronic copy in Microsoft Word format on a CD, DVD, or USB Flash Drive (non-returnable)
- Postmarked no later than December 30, 2014.
- Please note that faxed submissions will not be accepted and late or incomplete applications will not be considered for funding

Standard Postal Service

MICHIGAN COASTAL ZONE MANAGEMENT
PROGRAM
OFFICE OF THE GREAT LAKES
DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30473
LANSING MICHIGAN 48909-7973

Delivery Service or Overnight Mail

MICHIGAN COASTAL ZONE MANAGEMENT
PROGRAM
DEPARTMENT OF ENVIRONMENTAL QUALITY
SOUTH TOWER 6TH FLOOR
525 WEST ALLEGAN STREET
LANSING MICHIGAN 48933

Program Focus Areas

Public Access

- Planning, design, and engineering
- Non-motorized coastal trails, boardwalks, accessible canoe or kayak launches and fishing piers, pervious parking lots and walkways, viewing decks, installation of interpretive signage/displays
- Preserve and restore cultural and historic maritime resources such as lighthouses, and shipwrecks
- Educational and outreach activities
- Training events

Public Access, cont.

Preference will be given to projects with elements that:

- Increase and improve universal public access
- Implement shovel-ready, low-cost construction projects for coastal access identified in planning projects previously funded under the program
- Implement shovel-ready, low-cost construction projects to revitalize declining ports, harbors, and waterfronts.

Fort Gratiot Lighthouse



Village of Elberta Beach



Casco Township



Coastal Habitat

- On-the-ground protection and restoration projects for Great Lakes beaches, sand dunes, coastal wetlands, streams, and nearshore habitat.
- Feasibility studies and planning for habitat protection, restoration, and resource management.
- Inventories of natural features that are incorporated into a local or statewide plan.
- Conduct educational and outreach activities
- Conduct training events

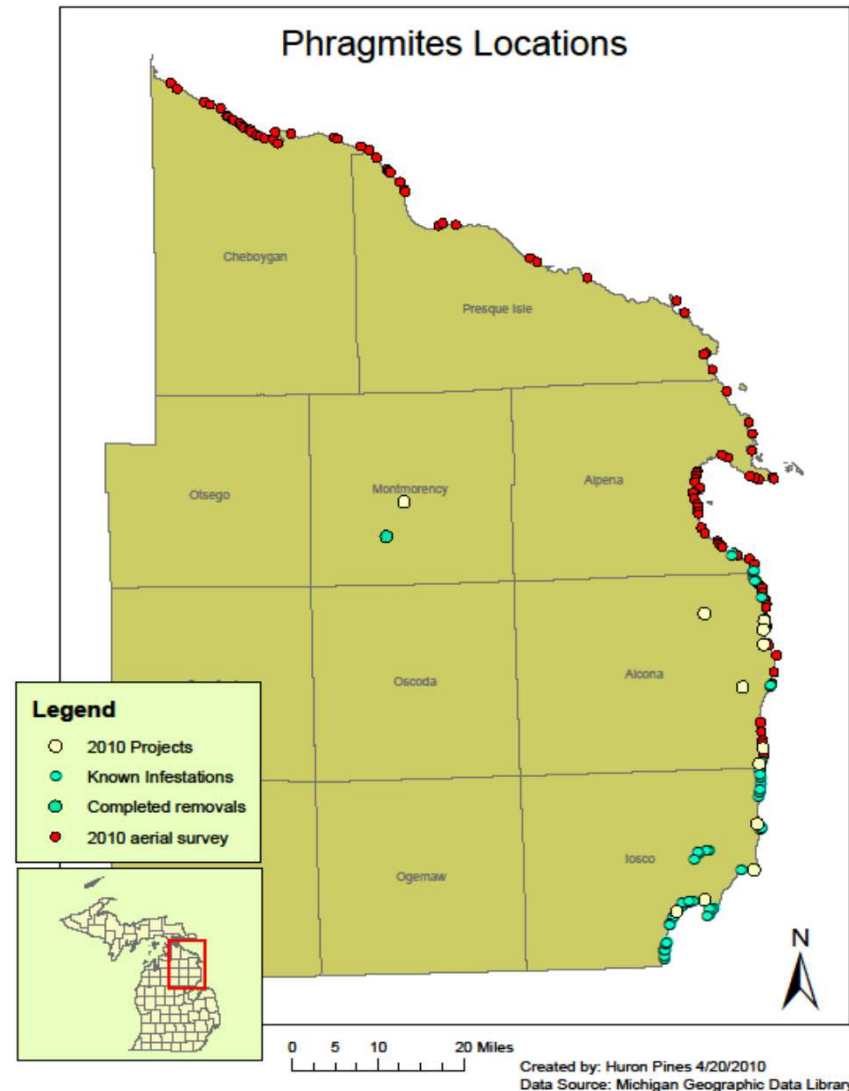
Coastal Habitat

Preference will be given to projects with elements that:

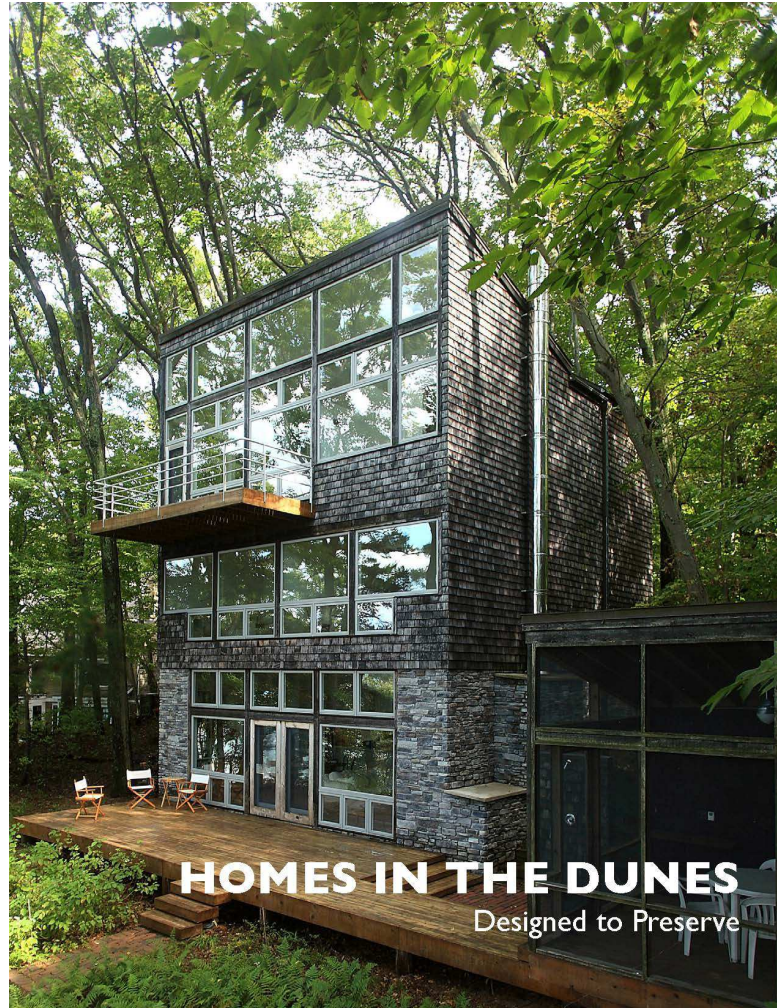
- Conduct Great Lakes marine debris collection/cleanup activities.
- Regional plans and activities for protecting and managing coastal habitats.
- Implement invasive species early detection and rapid response programs.
- Assist coastal communities to develop vulnerability assessments for improving the resiliency of coastal wetlands to climate change impacts.

Building a Sustainable Local Invasive Species Response in NE Region

- Huron Pines Phragmites SWAT team – Lake Huron
- Early detection, rapid response
- Educational materials
- Focus on private landowner



Preserve the Dunes



Whitefish Point Bird Observatory

- Educational initiative – flora, fauna, and geology of Whitefish Point
- Coastal habitat for migratory birds



Coastal Hazards

- Local planning or zoning efforts that guide development away from coastal flood and erosion prone areas.
- Site-specific projects that reduce or eliminate risks associated with coastal hazards on publically-owned lands.
- Vulnerability assessments that apply results toward improved resiliency of a coastal community or public asset such as a coastal park.
- Research projects
- Conduct educational and outreach activities
- Conduct training events

Coastal Hazards, cont.

Preference will be given to projects with elements that:

- Develop regional GIS coastal hazard-related data sets providing information on:
 - Coastal nearshore processes
 - Coastal geology
 - The built coastal environment
 - Local policies and management of coastal hazards
- Foster site-specific managed retreat efforts on publically-owned lands aimed to move threatened infrastructure away from eroding coasts.

Coastal Hazards, cont.

- Plan, design, or implement soft-shore approaches to shoreline stabilization on publically-owned lands.
- Local shoreline management plans or coastal zoning ordinances
- Implement beach safety efforts at publically-owned beaches to reduce risks to swimmers from dangerous nearshore currents (including rip currents) and waves.

Muskallonge Lake State Park



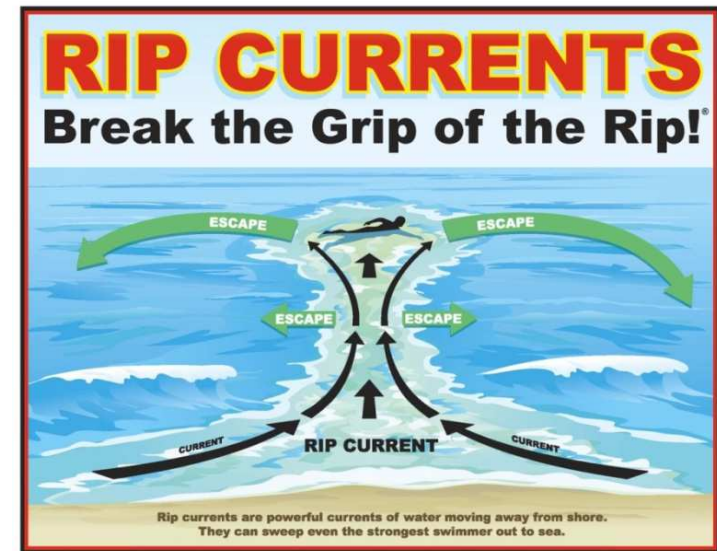
Improved Dangerous Currents Forecasting and Hazard Messaging

- Improve science – G.L. Dangerous Current formation
- Improve knowledge transfer and messaging
- Incorporate into Michigan DNR Beach Safety Policy
- Partners: MI Sea Grant, UM OEL, DNR Parks



Ocean Engineering Laboratory
Department of Naval Architecture and Marine Engineering
University of Michigan

Engineering for the Marine Environment



IF CAUGHT IN A RIP CURRENT

- ◆ Don't fight the current
- ◆ Swim out of the current, then to shore
- ◆ If you can't escape, float or tread water
- ◆ If you need help, call or wave for assistance

SAFETY

- ◆ Know how to swim
- ◆ Never swim alone
- ◆ If in doubt, don't go out

More information about rip currents can be found at the following web sites:

www.ripcurrents.noaa.gov
www.usla.org



Coastal Water Quality

- Development of ordinances, policies, and/or plans
- On-the-ground implementation activities to protect and improve beach health at publicly-owned Great Lakes beaches.
- Conduct educational and outreach activities
- Conduct training events

Coastal Water Quality, cont.

Preference will be given to projects with elements that:

- Implement activities that are part of an adopted waterfront or coastal community plan that incorporate green infrastructure practices
- Support education about stormwater management, petroleum pollution prevention and developing a Stormwater Pollution Prevention Plan (SWPPP) and a Spill Prevention, Control, and Countermeasure (SPCC) Program that address the following issues: boat bottom wash waste water, fish waste, implementation of green infrastructure best practices, and best practices to reduce petroleum spills.

Coastal Water Quality, cont.

Preference will be given to projects with elements that (cont.):

- Support projects at targeted marina and boatyard facilities in Michigan to demonstrate the implementation and documentation of best practices, as well as the application of innovative technologies and tools to reduce the environmental impact of boating and marina activities.

Michigan Clean Marina Program



City of Houghton

- Soft-shore Approaches
- Coir logs used to reduce erosion and sedimentation into Portage Waterway



Coastal Community Development

- Development of ordinances, policies, and plans
- Planning and feasibility studies for waterfront redevelopment and ports management.
- Development and promotion of regional coastal tourism and recreation opportunities.
- Collaborative regional or multi-jurisdictional planning or policy development.
- Conduct educational and outreach activities
- Conduct training events

Coastal Community Development, cont.

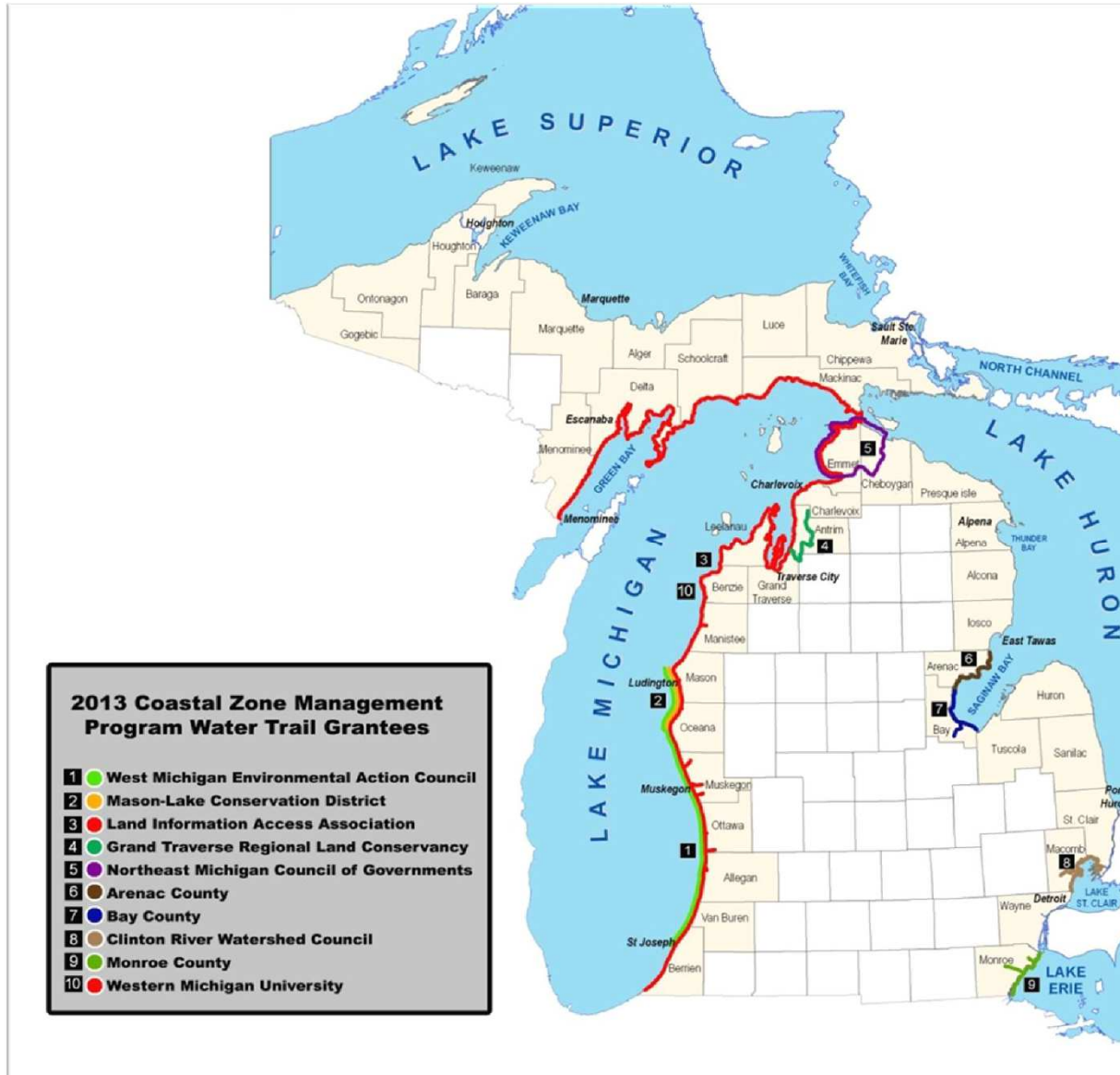
Preference will be given to projects with elements that:

- Develop plans or ordinances
- Include charrettes, simulations and scenario development, use of social media, and other techniques and tools for encouraging diverse, creative, and informed citizen participation in planning.

Fishtown Site Study, Design and Master Plan



Water Trails Initiative



Trail Towns Planning



Application



Pg. 8 - Cover Page

- Check one Project Type
- Check box if proposal includes construction

Pg. 11 – k. Key Project Tasks

- List and describe key project tasks

Pg. 12 – l. Schedule for Completion

- Insert here the same list of project tasks from k.
- For each project task, insert one or more “x” into the quarterly period boxes
- For each project task, be sure to list the Outcome and if applicable, the Deliverable

Pg. 13 – E. Resolution of Support

- Local units of government must include a resolution of support from their governing body.

Application, cont.



Pg. 13 - F. Detailed Proposed Project Budget

Salary: Wages of the applicant only

Fringe: Allowances and services provided by the applicant to their employees as compensation in addition to regular salaries and wages

Indirect: Applicant's cost of continuing operation

Travel: Include transportation, lodging, subsistence, and related items incurred by the applicant only.

- Consistent with your organization's written travel policy for non-federally supported activities; if no policy exists, the rates and amounts established for mileage, per diem, and lodging published by the General Services Administration website will be applied.

(<http://www.gsa.gov/portal/category/21283>)

Equipment: Tangible, non-expendable, personal property having a useful life of more than one year and an acquisition cost of \$5,000 or more per unit.

Application, cont.

Pg. 13 - F. Detailed Proposed Project Budget, cont.

Supplies/Materials: Includes all tangible items of personal property, other than equipment

Contractual Services: All services provided by entities other than the applicant

- Volunteer Rates
 - For unskilled laborers - www.michigan.gov/wagehour
 - For professionals not working in a professional capacity - www.independentsector.org/volunteer_time
 - Professionals working in their normal professional capacity - Their normal rate of pay may count as match.
 - Refer to General Services Administration website <http://www.gsa.gov/portal/category/21283> for allowable mileage costs for in-kind volunteer services

Other:

- Includes all other costs that do not fit under other expense categories

Supporting Information – All Proposals

i. Geospatial Data Sharing Requirements

If your project creates new GIS data:

- A NOAA Data Sharing Plan must be submitted (with application or at minimum prior to data collection)

Purpose of NOAA Data Sharing Plan:

- Ensure newly-created GIS data is visible, accessible, and independently understandable
- Data free of charge or minimal cost
- Available in a timely manner

Post Data Collection Requirements:

- Create Federal Geographic Data Commission (FGDC)-compliant metadata.
- Publish data online for free public access.
- Provide two copies of GIS datasets and metadata (separate CD, DVD, or USB drive as a project deliverable).

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF THE GREAT LAKES															
NOAA DATA SHARING PLAN															
<small>This information is required pursuant to the implementation of the Coastal Zone Management Act of 1972, as amended, P.L. 109-58 (16 U.S.C. 1451-1465, "Federal Act").</small>															
<small>Note: This form must be completed by all entities planning to use NOAA funds received through the Michigan Coastal Zone Management Program to create new geospatial datasets. A separate form should be completed for each dataset when multiple datasets are created under a single project. Submission of this form authorizes the Coastal Zone Management Program to post the information provided in the form of a metadata record to the National States Geographic Information Council's Ramona GIS Inventory (http://gisinventory.net) and to the geospatial one-stop (http://geo.data.gov).</small>															
Source Information: Print or type the following for the organization creating the geospatial dataset.															
Name of Contact Person for Dataset	Organization Name														
E-mail	Telephone Area Code and Number														
Mailing Address	City	State	ZIP Code												
Project Title															
Data Layer Information:															
1. Dataset Name:															
2. Provide a concise description of the dataset (225 character limit including spaces):															
3. Describe the geographic extent of the dataset(s) (e.g., county wide, municipality, or by providing bounding coordinates):															
4. Dataset progress (check one): <input type="checkbox"/> Complete <input type="checkbox"/> In progress <input type="checkbox"/> Planned															
5. Data source (check one):															
<table border="0"><tr><td><input type="checkbox"/> Bathymetric Survey</td><td><input type="checkbox"/> Field Observation</td></tr><tr><td><input type="checkbox"/> Field Survey/GPS</td><td><input type="checkbox"/> Hardcopy Maps</td></tr><tr><td><input type="checkbox"/> LiDAR</td><td><input type="checkbox"/> Orthomimagery</td></tr><tr><td><input type="checkbox"/> Published Reports/Deeds</td><td><input type="checkbox"/> RADAR</td></tr><tr><td><input type="checkbox"/> Road Centerline Files</td><td><input type="checkbox"/> Uncorrected Imagery</td></tr><tr><td><input type="checkbox"/> Other</td><td><input type="checkbox"/> Uncertain</td></tr></table>				<input type="checkbox"/> Bathymetric Survey	<input type="checkbox"/> Field Observation	<input type="checkbox"/> Field Survey/GPS	<input type="checkbox"/> Hardcopy Maps	<input type="checkbox"/> LiDAR	<input type="checkbox"/> Orthomimagery	<input type="checkbox"/> Published Reports/Deeds	<input type="checkbox"/> RADAR	<input type="checkbox"/> Road Centerline Files	<input type="checkbox"/> Uncorrected Imagery	<input type="checkbox"/> Other	<input type="checkbox"/> Uncertain
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<input type="checkbox"/> Road Centerline Files	<input type="checkbox"/> Uncorrected Imagery														
<input type="checkbox"/> Other	<input type="checkbox"/> Uncertain														
6. Enter the date by which data will be shared:															
7. Will the dataset be made available to the public? <input type="checkbox"/> Yes <input type="checkbox"/> No															
If yes, please check the distribution method:															
<input type="checkbox"/> Through a Web Map Service or Web Feature Service															
- provide URL:															
<input type="checkbox"/> Post the dataset for download on a publicly accessible web page or FTP site															
- provide URL:															
<input type="checkbox"/> Other															
- please describe:															
8. Will the dataset's metadata comply with the Federal Geographic Data Committee's (FGDC) Content Standard for Digital Geospatial Metadata? <input type="checkbox"/> Yes <input type="checkbox"/> No															
9. Are there any security issues or other concerns that would prevent the distribution of the dataset? <input type="checkbox"/> Yes <input type="checkbox"/> No															
If yes, please explain:															
10. Do you plan to archive this dataset for long-term preservation? <input type="checkbox"/> Yes <input type="checkbox"/> No															

Supporting Information – All Proposals

Quality Assurance/Quality Control

- A project-specific Quality Assurance Project Plan (QAPP) may be required for any project that includes the creation of environmental data.
- Environmental data is any measurements or information that describe environmental processes, location, or conditions; ecological or health effects and consequences; or the performance of environmental technology.
- QAPP must be approved by CZM Program prior to the collection of any environmental data.
- Contact your CZM focus-area specialist for details.

Additional Information Required for Construction Projects

- NOAA defines low-cost construction activities as: “consistent with the purposes of the Coastal Zone Management Act, including but not limited to paths, walkways, fences, parks, and the rehabilitation of historic buildings and structures”
- Recent guidance from NOAA states that site design and final engineering documents also requires additional information
- Applications for construction activities must be sufficient for National Oceanic Atmospheric Administration (NOAA) to make a determination that the proposed project activities will not adversely affect federally listed threatened or endangered species or critical habitat, and will not adversely affect historic properties.

Additional Information Required for Construction Projects, cont.

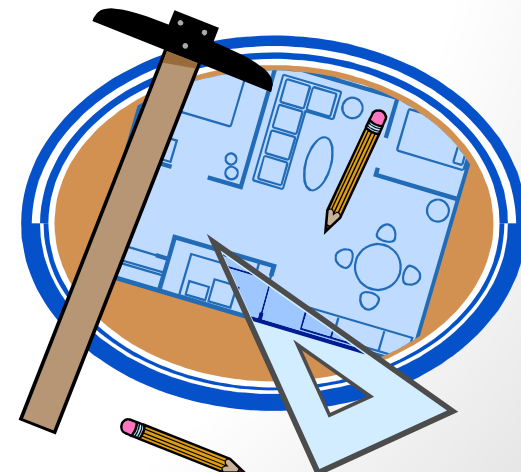
NOAA Categorical Exclusion Checklist

Property Ownership Type

- All construction projects must be open to the general public, located on public land owned by the applicant or secured through a long-term lease (20 yrs. minimum) by the applicant.
 - a. Public Ownership Affidavit
 - b. Attorney Title Opinion

Project Site Plan

- Submit a conceptual site plan at a minimum



Additional Information Required for Construction Projects, cont.

Documentation of Endangered or Threatened Species

- Submit documentation that there are no threatened or endangered species or critical habitats in the project area, or if species or habitats are present or would potentially be impacted

Resources:

- Endangered Species Act (ESA)
- U.S. Fish and Wildlife Service (FWS) Endangered Species Program: <http://www.fws.gov/endangered/>
- FWS Critical Habitat Portal: <http://criticalhabitat.fws.gov/crithab/>
- FWS Information, Planning, and Conservation System: <http://ecos.fws.gov/ipac/>
- National Marine Fisheries Service (NMFS) Office of Protected Species: <http://www.nmfs.noaa.gov/pr/index.htm>
- NMFS ESA species and critical habitat maps: <http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>
- ESA consultation handbook: http://www.fws.gov/endangered/esa-library/pdf/esa_section7_handbook.pdf

Additional Information Required for Construction Projects, cont.

State Historic Preservation Office/Tribal Lands

- Submit documentation stating that the project will not affect historic or archaeological properties or resources of federally-recognized American Indian Tribal Governments.

Resources:

- [Historic Preservation Act](#)
- Historic Preservation Act 16 USC §470 et. seq.
<http://www.law.cornell.edu/uscode/text/16/470>
- State Historic Preservation Officers
 - Learn about and locate:
<http://www.ncshpo.org/>
- Tribal Historic Preservation Officers
 - Learn about:
<http://www.nathpo.org/main.html>
 - Locate: <http://www.nathpo.org/map.html>

Selection Process

- RFP Released:
 - October 1, 2014
- Deadline for submittal of RFP:
 - December 30, 2014
- Approval Process:
 - January 1 – July, 2015
- Notification of selection status:
 - August 2015
- Grant Contracts developed for selected projects:
 - September 2015
- Grant period start/end date:
 - October 1, 2015 – December 31, 2016

Thank You

Questions? Contact the Coastal Zone Management Program!

www.michigan.gov/coastalmanagement



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CZM Program Email List



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Great Lakes

- Great Lakes Notes

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PARTNERSHIP

SERVICE

STEWARDSHIP